CERASTIUM CLAWSONII (CARYOPHYLLACEAE): A SYNONYM OF LINUM HUDSONIOIDES (LINACEAE)

RONALD L. HARTMAN

While preparing a treatment of the Caryophyllaceae for the forthcoming "Chihuahuan Desert Flora" (by M. C. Johnston, J. Hendrickson, and collaborators), I encountered the holotype of Cerastium clawsonii Correll (Figure 1). Preliminary observations of this unicate (TEXAS: Brewster Co., McIntyre Ranch, 3 miles S of Alpine, A. B. Clawson 29-173, LL) suggested that it was very unusual for a member of the genus Cerastium. As Dr. Donovan Correll (1968) noted in the protologue, "it is totally unrelated to all other members of this genus in Texas." On closer inspection, this specimen, which Correll referred to Cerastium at the suggestion of Dr. Lyman B. Smith, proves not to be a member of the Caryophyllaceae, but is an immature individual of Linum hudsonioides Planchon of the Linaceae. It corresponds well with specimens of L. hudsonioides at the Lundell Herbarium (University of Texas at Austin) and agrees in all features available with the description of that species by Rodgers (1963). The most prominent characters are: leaves opposite near the base, alternate above, closely imbricate, linear with mucronate to aristate apices; sepals with conspicuous awns; styles 5, united to near the summit, with capitate stigmas. Unfortunately, fruits are lacking.

ACKNOWLEDGMENT

I wish to thank Dr. Correll for reviewing the manuscript and to acknowledge financial support in the form of a University Post-doctoral Fellowship from The Ohio State University, Columbus, Ohio.

LITERATURE CITED

CORRELL, D. S. 1968. Some additions and corrections to the flora of Texas — V. Wrightia 4: 25-28.

Rogers, C. M. 1963. Studies in Linum: L. imbricatum and L. hudsonioides. Rhodora 65: 50-55.

BOTANY DEPARTMENT AVEN NELSON BUILDING UNIVERSITY OF WYOMING LARAMIE, WYOMING 82071

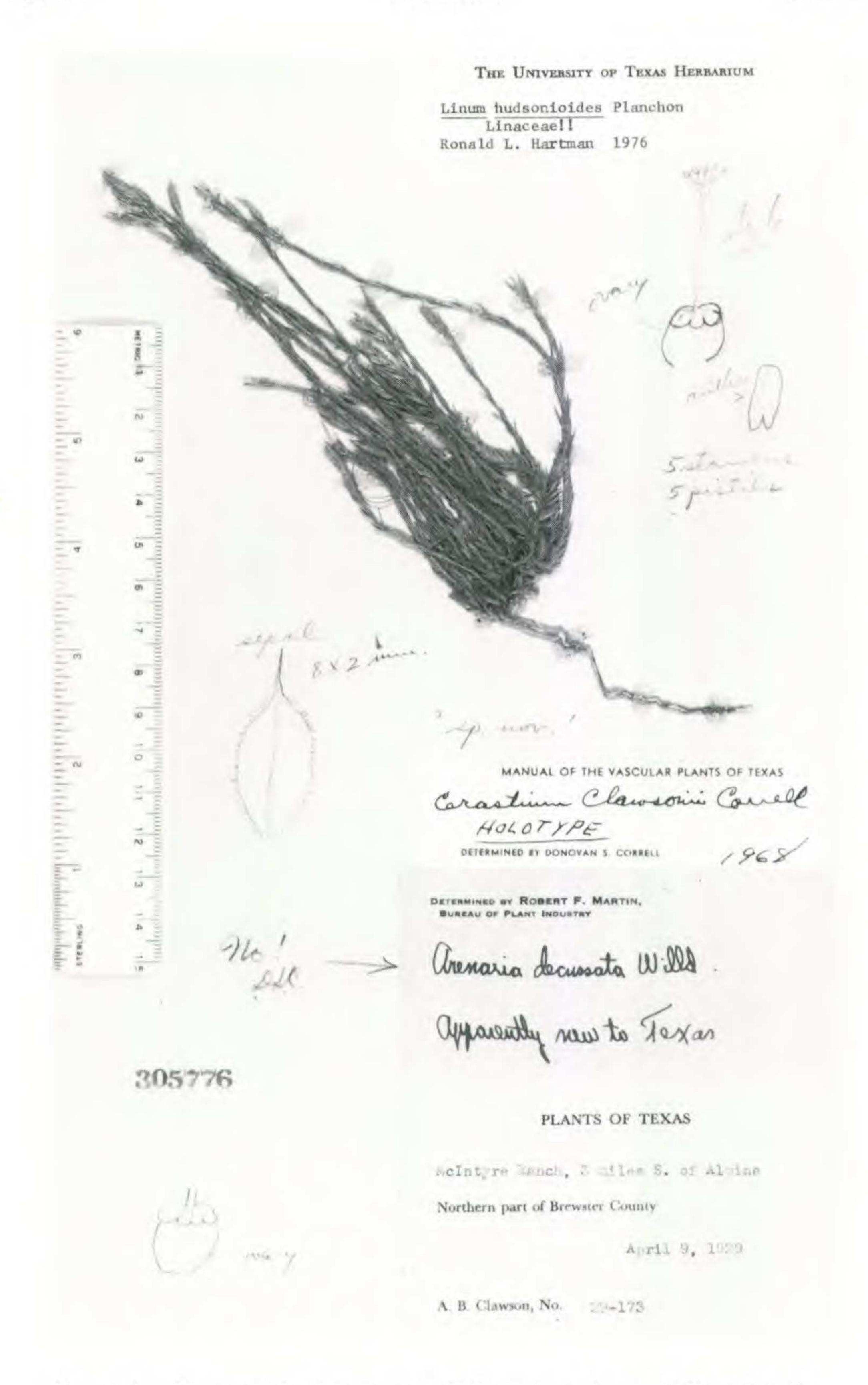


Figure 1. Photograph of holotype of Cerastium clawsonii Correll (LL).